

ITEM: 25

SUBJECT: Oakwood Lake Water District and Beck Properties, Oakwood Lake Subdivision Mining Reclamation Project, San Joaquin County

BOARD ACTION: *Consideration of NPDES Permit Renewal and Time Schedule Order*

BACKGROUND: Oakwood Lake Water District is the owner and operator of the Oakwood Lake Subdivision Mining Reclamation Project, a residential development (Project). Beck Properties, Inc. owns the property, on which the Project is located. Oakwood Lake was formed as a result of historical sand mining from the project site. Sand excavation began in 1969, and dewatering of excavation areas, with subsequent discharge of this water to the San Joaquin River, was necessary to mine raw sand product. Active mining has ceased, however, the Project continues to discharge groundwater seepage and stormwater from Oakwood Lake to the San Joaquin River within the boundary of the Sacramento-San Joaquin Delta.

- ISSUES:
- **New Effluent Limitations:** This proposed Order includes new effluent limitations. Immediate compliance with the new effluent limitations for antimony, arsenic, specific conductance, barium, iron, manganese, aluminum, and ammonia is not possible or practicable.
  - **Water Balance/Compliance With Effluent Limitations:** The current mining reclamation design involves residential subdivision construction (approximately 500 residential units). The Discharger has indicated that the water level in Oakwood Lake will likely rise to approximately +5 feet mean sea level (msl) without pumping of groundwater from the Lake. The Discharger has also indicated that most of the housing and commercial development will be constructed on lands reclaimed at approximately +12 feet msl. The Discharger has stated that under the current design, continual dewatering will eventually cease, and Oakwood Lake will have no discharge to the San Joaquin River except under a catastrophic condition (flood/wet season). This proposed Order includes a companion Time Schedule Order which provides a time schedule for the Discharger to either comply with the final effluent limitations of this Order, or provide the water balance information which demonstrates containment of Oakwood Lake water for rainfall periods to the 100 year return period with the annual total distributed monthly in accordance with mean monthly precipitation patterns. If the Discharger successfully demonstrates containment of Oakwood Lake water under these conditions, this Order may be rescinded.

Mgmt. Review \_\_\_\_\_  
Legal Review \_\_\_\_\_

20/21 October 2005 Region 5 Board Meeting  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670